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Approved For Release 2003/12/19 : CIA-RDP78T04759A010300010099-5

12 August 1973

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MEMORANDUM FOR:

THROUGH :

SUBJECT : Communications Facilities Associated with the Chinese Strategic Rocket Forces

REQUIREMENT : NSA/SPO/R-224-73
(NPIC Project 251830)

TK
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1H1107, Hq.

1. In response to the referenced requirement, 12 areas in China were searched for high frequency (HF) communications facilities associated with the Chinese Strategic Rocket Forces (CSRF). All areas were covered by fair-to-good photography dated from [redacted]

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2. Six possible CSRF communications facilities were identified in three of the search areas. A description of the facilities in each area follows.

Hsi-an Area

3. Two facilities were identified which may possibly serve the CSRF. These are the Hsi-an Radio Communications Transmitter/Receiver No 2 [redacted] and the Kuo-tu High Frequency Receiving Station [redacted]

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4. Transmitter/Receiver No 2 was built in [redacted] and consists of a [redacted] control building and 11 horizontal dipole antennas (Attachments 1 and 1A). This facility was constructed at an existing instrument landing system (ILS) facility at the Hsi-an/Hsi-kuan Airfield [redacted]. A twelfth horizontal dipole antenna at the facility is part of the ILS system.

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5. The receiving station consists of a control building and eight fishbone and four quadrant antennas (Attachments 2 and 2A).

6. Both of these facilities appear capable of communicating with the correspondents listed in the requirement.

Declass Review by
 NIMA/DOD

CLASSIFIED BY: 009907
 Exempt from General Declassification Schedule
 of E.O. 11652, Exemption Category: 5B(2)
 AUTOMATICALLY DECLASSIFIED ON
 DATE IMPOSSIBLE TO DETERMINE

WARNING NOTICE
 Sensitive Intelligence Sources
 and Methods Involved.

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Kun-ming Area

7. Three facilities were identified which may possibly serve the CSRF: Kun-ming Radio Communications Station No 1 [REDACTED], Kun-ming Radio Communications Transmitter No 10 [REDACTED], and Kun-ming Radio Communications Receiver No 3 [REDACTED]

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8. Kun-ming Radio Communications Station No 1 consists of two single rhombic, four horizontal dipole, and five quadrant antennas and a control building (Attachments 3 and 3A).

9. Kun-ming Radio Communications Transmitter No 10 consists of two single rhombic, two quadrant, and 16 horizontal dipole antennas and a control building (Attachments 4 and 4A). [REDACTED]

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[REDACTED] Cloud cover prevented an observation of a probable further extension to the east. Repeater stations were identified at approximately 5-nm intervals along the cable scar.

10. Kun-ming Radio Communications Receiver No 3 is collocated with the Kun-ming/Cheng-kung SSM Headquarter General [REDACTED]. The receiver is in a separate wall-secured area in the southeastern corner of the missile facility and consists of a control building and five horizontal dipole and two FIX EIGHT HF/DF antennas (Attachments 5 and 5A).

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11. These three facilities all appear capable of communicating with the correspondents listed in the requirement.

Yu-tien Area

12. One facility was identified which may possibly serve the CSRF. This is the Chiu-feng-jun High Frequency Communications Facility

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13. This facility consists of a control building and one vertical radiator and two horizontal dipole antennas (Attachments 6 and 6A). A possible microwave tower is also located at this facility. The tower is 60 feet high and has an unidentified object [] from the top; however, no microwave antennas could be identified.

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14. The two horizontal dipole antennas at this facility appear capable of communicating with the correspondents listed in the requirement.

Peking Area

15. The radio communications (radcom) facilities supporting the CSRF in the Peking area could not be identified because of the number and complexity of facilities in the Peking area.

Shao-yang, Wu-wei, Tang-hua, Shang-jao, Lo-yang, Kuei-yang, Han-kou, and Han-shan Areas

16. No radcom facilities supporting the CSRF or with correspondents as specified in the requirement could be identified in any of the above areas.

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17. This project is considered complete. Further inquiries should be directed to [] Communications Branch, Missiles And Space Division, Imagery Analysis Group, NPIC, code 143, []

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[]
Chief, Imagery Exploitation Group
NPIC

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Attachments 1 - 6 : Photographs
1A - 6A: Tables of data keyed to photographs

Distribution:

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Cy 1 - [redacted] NSA/PO4/SPO, w/att

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2 - NSA/PO4/SOC

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4 - CIA/DDI/IRS/ [redacted]

5 - CIA/IAS

6 - DIADC-1C

7 - DIADS-4A1 (SAD)

8 - NPIC/PSG/RRD/IB/ESS

9 - NPIC/PSG/RRD/TDPB

10&11 - NPIC/IEG/MSD/CB

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12 - NPIC/PS [redacted]

13 - NISC

14 - AF/INAKB

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15 - AFIS/INYD (Attn: [redacted])

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